DRG.NO	400201-00086
.A3	

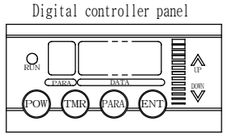
SURFACE FINISH

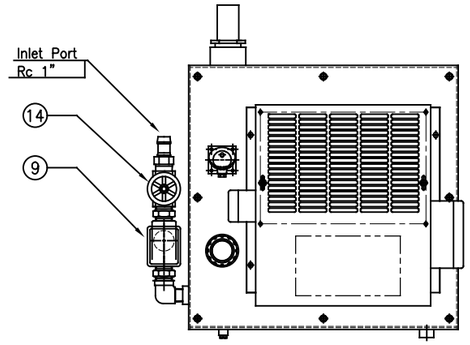
Coolant Cooler Specification

MODEL	CIC1501E-CT
Cooling Capacity	4,800/5,800W(4150/5000 Kcal/hr) : 50/60Hz (Coolant/Ambient temp.35°C) (VG02 : 3,350W, VG10 : 2,750W, VG32 : 1,950W)
Power source	AC 200V 50/60Hz, 3PH AC 220V 50/60Hz, 3PH
Max. operating current	18.5A
Compressor	2475W
Pump	400W(170L/min)
Condenser	Forced air cooling system, AL type
Evaporator	Cylindrical Type
Refrigerant	R-410A(1070g)
GWP/CO2	2088/2.234
Control range	±1.0°C
Sheath Heater	3Kw (+ Overheating Protector, Fuse)
Using temp. Range	5~40°C(Ambient temp. & Coolant inlet side)
Applicable liquid	Water soluble Coolant
Temp. controller	- Follow up type. Set room temp. range -9.9~+9.9°C - Constant type. 5~45°C(fluid temp. is limited within 5~45°C)
Protective devices	Over current, over load protecting devices & Thermal protector for compressor & Heater, etc.
Dimension(W*H*D)	684*670*1630
Color	Dark Gray(M/D)

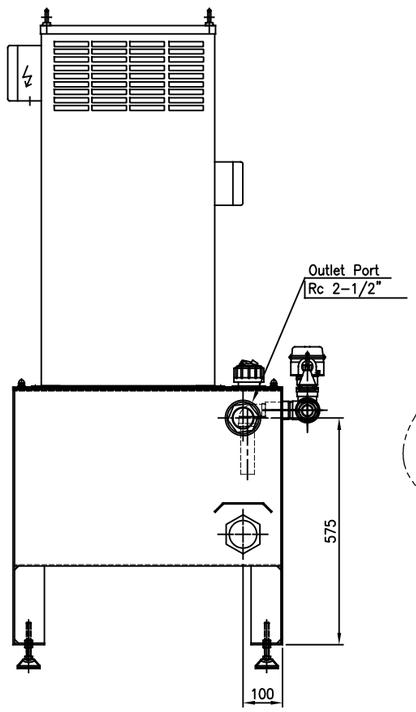
Detail of Area 'A'

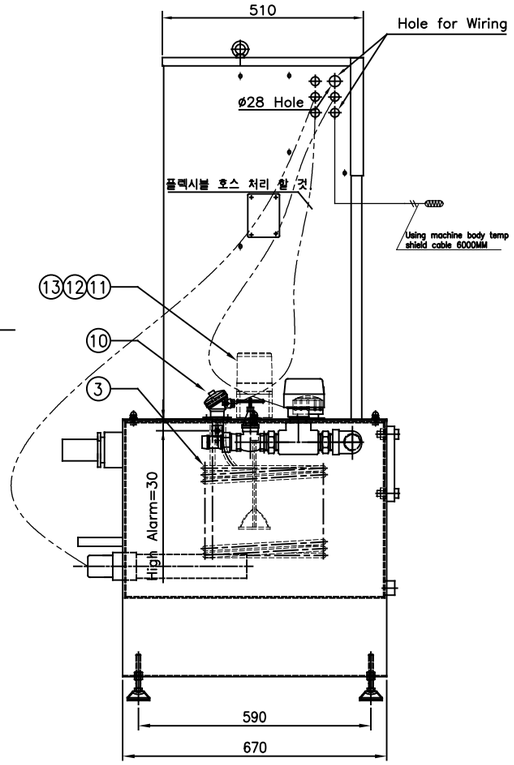
Digital controller panel

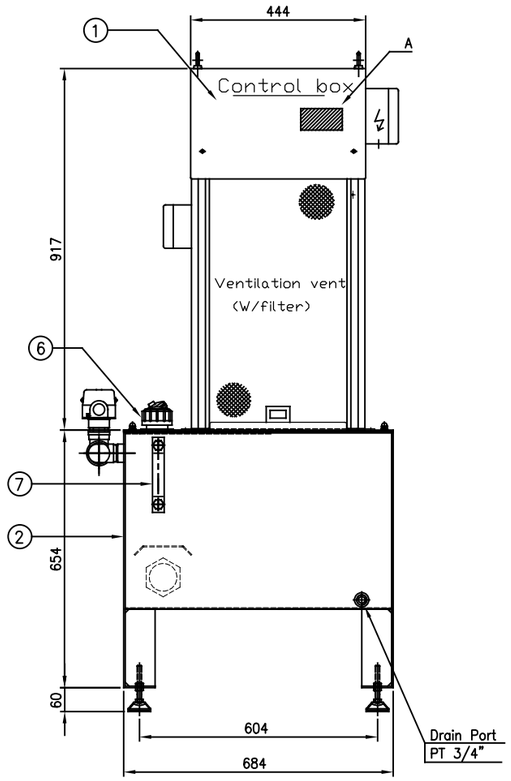


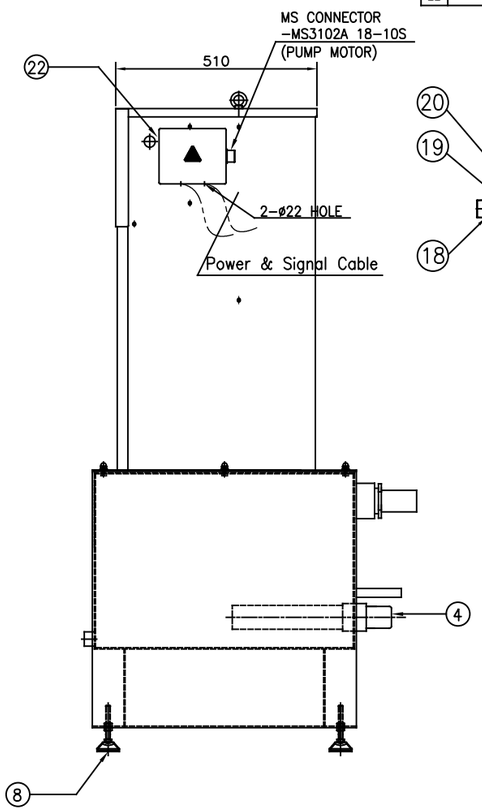


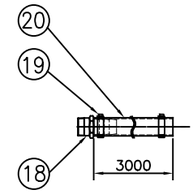
NO	REF. NO	DESCRIPTION	MAT. (SPEC)	Q'TY	REMARKS
1	CIC15EN-000-C	COOLANT COOLER	CIC1501E-C	1ST	KWANG RIM
2	-	TANK ASS'Y	185LITER	1ST	KWANG RIM
3	CS11M01	EVAPORATOR	STS	1	KWANG RIM
4	AC024030	HEATER	3Ph 220V* 3kW(350L)	1	SUNG RIM
5	ARACP401	PUMP	ACP-401A	1	ARYUNG
6	AC008013-C	AIR BREATHER	SH-FB-50	1	SHC
7	AC020019	LEVEL GAUGE	SH(DM)-C-150	1	SHC/DMC
8	T0002583	LEVEL FOOT	APR-10-60	4	K.S
9	SF0201510	FLOW SWITCH	KFS-2021	1	DEA JIN
10	SF1P12S030	FLOAT SWITCH	SFF-1P-1S	1	SAEHWA
11	CC15V06	AGITATOR MOTOR	S9I40GT	1	SPG
12	CC15V07	MIX SCROW	80MM	1	KS
13	CC15V08	AGITATOR COUPLING	ø20X50L	1	KWANG RIM
14	PP006106	GATE VLAVE	25AX5K	1	KS
15	CC11P47	COOLANT PUMP BKT	SCP1 T3.0	1	KWANG RIM
16	-	COOLANT PUMP ASSY	-	1	KWANG RIM
17	43750C-E	TEMP SENSOR	SHIELD CABLE, 6M	1	KWANG RIM
18	-	HOSE NIPPLE	65A	2	KS
19	-	HOSE BAND	3"	2	KS
20	-	SPRING HOSE	65A	3M	KWANG RIM
21	-	PUMP POWER CABLE	-	1	KWANG RIM
22	-	T-BOX	SPECIAL	1	KWANG RIM

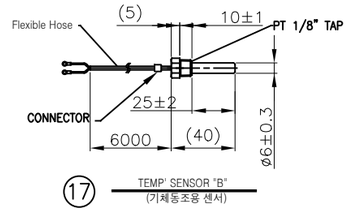


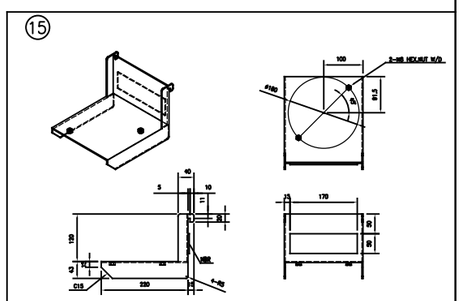


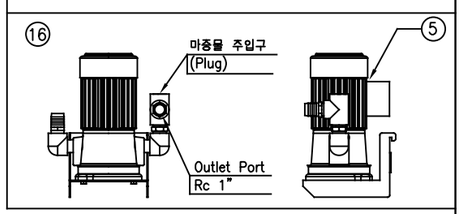












NOTE

1. COOLANT TANK와 근거리에 있을 것. (2M 이내)
2. COOLANT COOLER의 TANK안에 절삭액을 채워넣고 전원을 넣을 것
3. COOLANT PUMP의 초기 동작 시 마중물을 채워줄 것
   (배관 내 충분히 마중물이 채워질수 있도록 할것. - 최소 1L 이상)
4. 비수용성 절삭유를 사용할 경우 냉각 능력이 저하될 수 있음.(냉각 능력 표 참조)
5. 주의 명판은 4개 국어(한, 영, 중, 이)로 부착.
6. 온도 제어 방식 및 세팅
   - 기체동조 추종식 제어 / Return 온도 제어 방식.
7. PUMP는 BRACKET및 FITTING과 함께 조립하여 단품납품할 것.(16항 참조)
8. PUMP OIL HOSE 3M, 전원선 약 4.5M로 납품할 것(21항 참조)
9. 각 배관품은 주물 SUS및 3가 크롬도금 재질로 사용할 것.

SUFFIX	MARK	SUBJECT	ENC NO.	DATE	DRAWN	CHECKED	APPROVE
	3 X						
	2 X						
	1 X						

GENERAL TOLERANCE (MACHINING)			
OVER		MINUTENESS	NORMAL
0.5		±0.05	±0.1
		±0.1	±0.2
30	120	±0.15	±0.3
120	315	±0.2	±0.5
315	1000	±0.3	±0.8
1000	2000	± 0.5	±1.2
2000	4000	±0.8	±2.0

UNSPECIFIED CHAMFERS	-	APPROVE	
UNSPECIFIED RADII	-	CHECKED	
HEAT TREATMENT HARDNESS		DISIGNED	
HEAT TREATMENT METHOD		DRAWN	S.H.KIM
SURFACE TREATMENT	-	DATE	22.02.17

TITLE	COOLANT COOLER	Q'TY	1ST
ASS'Y	CIC1501E-CT	SCALE	N/S
MODEL	MAT. UNIT	W,T	-KG
CIC-1501	DRG.NO .A3 400201-00086		
PROJECT NAME			
NANOCON	KWANG RIM KWANG RIM CORPORATION		

A2 (420 X594)

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